

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Holly Prentice

Appl. No.: 10/532,197 (U.S. National  
Phase of PCT/US2003/033433)

§371 Date: September 12, 2006

For: **High Expression Locus Vector  
Based on Ferritin Heavy Chain  
Gene Locus**

Confirmation No.: 8404

Art Unit: 1636

Examiner: To Be Assigned

Atty. Docket: 2159.0580001/EKS/LMB

**Request for Corrected Official Filing Receipt**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests that a corrected Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following corrections to the Official Filing Receipt are requested:

**In the Filing or 371 Date Section, please delete 09/12/2006 and insert --11/18/2005--.**

**In the Assignment for Published Patent Application Section, please delete Biogen, Inc., Cambridge, MA and insert --Biogen Idec MA Inc., Cambridge, MA.**

In support of the above request, a marked-up copy of the instant Official Filing Receipt is enclosed to show the corrections.

In support of the correction of the Assignment for Published Patent Application Section, a copy of the Assignment to Biogen Idec MA Inc. recorded on September 28,

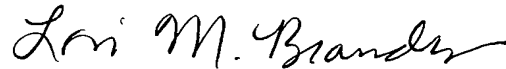
2006 at Reel 016596, Frame 0251 is enclosed. Additionally, an Application Data Sheet is enclosed hereto listing the Assignee as Biogen Idec MA Inc.

In support of the correction of the Filing or 371 Date Section, a Request to Correct 35 U.S.C. § 371 Date, and copies of the return postcard, date-stamped by the USPTO as having received on November 18, 2005, is enclosed. A photocopy of the instant Notice of Acceptance is also enclosed with the corrections noted in red.

It is requested that a corrected Official Filing Receipt be issued, and sent to the undersigned at the earliest possible time.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Lori M. Brandes  
Agent for Applicant  
Registration No. 57,772

Date: November 28, 2006

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/532,197	11/18/2005 <del>09/12/2006</del>	1636	2780	2159.0580001/EKS/LMB	16	49	6

CONFIRMATION NO. 8404

53644  
 STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.  
 1100 NEW YORK AVE., N.W.  
 WASHINGTON, DC 20005

## FILING RECEIPT



\*OC000000021085579\*

Date Mailed: 11/06/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Holly Prentice, Carlisle, MA;

## Assignment For Published Patent Application

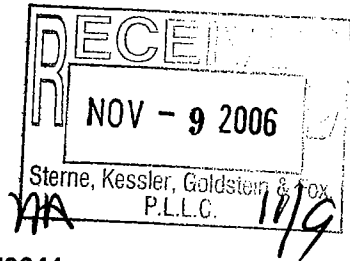
~~BIOGEN, INC., Cambridge, MA~~

Biogen Idec MA Inc., Cambridge, MA

Power of Attorney: The patent practitioners associated with Customer Number 53644.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/33433 10/22/2003  
 which claims benefit of 60/421,252 10/24/2002

BKS  
LMB

LMB 11/13

## Foreign Applications

If Required, Foreign Filing License Granted: 11/02/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/532,197**

Projected Publication Date: 02/08/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

High expression locus vector based on ferritin heavy chain gene locus

**Preliminary Class**

435

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventor: Holly PRENTICE, hereby sells and assigns to Biogen Idec MA Inc., a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, MA 02142, (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **High Expression Locus Vector Based on Ferritin Heavy Chain Gene Locus** for which application(s) for patent in the United States of America was made and was assigned United States Application No. 10/532,197 which, is the U.S. National Phase of International Application Number PCT/US2003/033433, international filing date October 22, 2003, in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor agrees to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor hereby represents that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor hereby grants Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trinvinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,984 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite his/her name.

Holly PRENTICE

Holly Prentice  
Signature of Inventor

06 Sep 05  
Date

Notarized By:

Ellen Robidoux  
Printed Name of Notary

Ellen Robidoux  
Signature of Notary

9/8/05  
Date

426886

Attorney Docket No. 2159.0580001/EKS/ELE

## APPLICATION DATA SHEET

Electronic Version v14  
Stylesheet Version v14.1

### ***Applicant Information:***

#### Inventor 1:

<b>Applicant Authority Type:</b>	Inventor
<b>Citizenship:</b>	US
<b>Given Name:</b>	Holly
<b>Family Name:</b>	PRENTICE
<b>City of Residence:</b>	Carlisle
<b>State of Residence:</b>	MA
<b>Country of Residence:</b>	US
<b>Address-1 of Mailing Address:</b>	35 Nathan Lane
<b>Address-2 of Mailing Address:</b>	
<b>City of Mailing Address:</b>	Carlisle
<b>State of Mailing Address:</b>	MA
<b>Postal Code of Mailing Address:</b>	01741
<b>Country of Mailing Address:</b>	US
<b>Phone:</b>	
<b>Fax:</b>	
<b>E-mail:</b>	

### ***Correspondence Information:***

<b>Customer Number:</b>	53644	*53644*
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### ***Application Information:***

<b>Title of Invention:</b>	High Expression Locus Vector Based on Ferritin Heavy Chain Gene Locus
<b>Application Type:</b>	regular, utility
<b>Attorney Docket Number:</b>	2159.0580001/EKS/LMB

Botanic Information:

Publication Information:

**Suggested Figure for Publication -**  
**Suggested Classification -**



**Suggested Technology Center -  
Total Number of Drawing Sheets - 16**

***Representative Information:***

practitioner(s) at Customer Number:

53644

\*53644\*

as my attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

***Domestic Priority Information:***

This is a National Stage of International Application Number PCT/US2003/033433, filed 2003-10-22.

International Application Number PCT/US2003/033433, filed 2003-10-22 claims the benefit of provisional application number 60/421,252, filed 2002-10-24.

***Foreign Priority Information:***

***Assignee Information:*** Biogen Idec MA Inc.

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